

CULLN23,001APC

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Manners, et al.	)	Group Art Unit 1653
Appl. No.	:	09/331,631	)	
Filed	:	June 21, 1999	)	
For	:	ANTIMICROBIAL PROTEINS	)	
Examiner	:	Robinson, H.	)	

**AMENDMENT**

United States Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

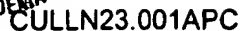
Dear Sir:

In response to the Office Action dated July 16, 2002 (Paper No. 16), please amend the above-captioned application as follows:

**IN THE SPECIFICATION:**

On page 4, please amend the paragraphs beginning at line 22 and ending at line 27 as follows:

- (iii) a polypeptide containing a relative cysteine spacing of C-2X-C-3X-C-(10- 12)X-C-3X-C-3X-C wherein X is any amino acid residue other than cysteine, and C is cysteine;
- (iv) a polypeptide containing a relative cysteine and tyrosine/phenylalanine spacing of Z-2X-C-3X-C-(10-12)X-C-3X-C-3X-Z wherein X is any amino acid residue other than cysteine, and C is cysteine, and Z is tyrosine or phenylalanine;
- (v) a polypeptide containing a relative cysteine spacing of C-3X-C-(10-12)X-C-3X-C wherein X is any amino acid residue other than cysteine, and C is cysteine;



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(iv) a polypeptide containing a relative cysteine and tyrosine/phenylalanine spacing of Z-2X-C-3X-C-(10-12)X-C-3X-C-3X-Z wherein X is any amino acid

02/05/2003 14:10:00 0000000111110 1207632  
 H is histidine, I is isoleucine, L is leucine, P is proline, R is arginine, S is serine, T is threonine, V is valine, and C is cysteine, and Z is tyrosine or phenylalanine;

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 a polypeptide containing a relative cysteine spacing of C-3X-C-(10-12)X-C-3X-C wherein X is any amino acid residue other than cysteine, and C is cysteine;